

Attorney Docket No.: 018765-9001**AMENDMENTS TO THE ABSTRACT:**Please AMEND the abstract as indicated below:

A communications network, in particular for telephony, comprises at least one operator ~~(2)~~, a plurality of remote units ~~(3, 4)~~ for exchanging signals with mobile terminals ~~(5)~~ and an interface unit ~~(6)~~ for controlling the data traffic between the operator ~~(2)~~ and the remote units ~~(3, 4)~~. The interface unit ~~(6)~~ is connected to the remote units ~~(3, 4)~~ by a first transmission support ~~(9)~~, in which the main signal ~~(44)~~ propagates. The main signal ~~(44)~~ is divided into a plurality of secondary signals ~~(45)~~, each identified by a preset parameter value. Each remote unit ~~(3, 4)~~ is designed to process at least one secondary signal ~~(45a)~~ selected from amongst the secondary signals ~~(45)~~ into which the main signal ~~(44)~~ is divided. The secondary signal ~~(45a)~~ is identified by the remote unit ~~(3, 4)~~ according to the above-mentioned present parameter value.